

### **AMENDMENTS TO THE DRAWINGS**

Please replace the existing informal Figures 1-6 with the four attached formal replacement sheets, which are marked as such in their headers. The formal replacement drawings are substantively identical to those being replaced.

Attachment: Replacement Sheets



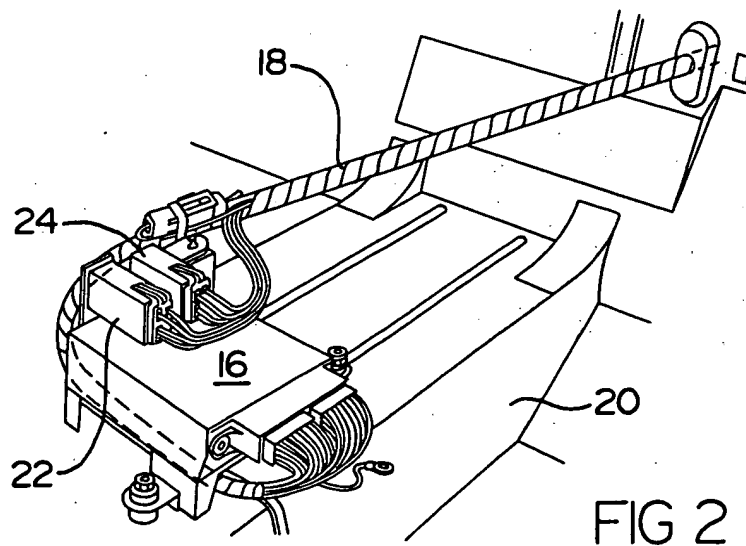
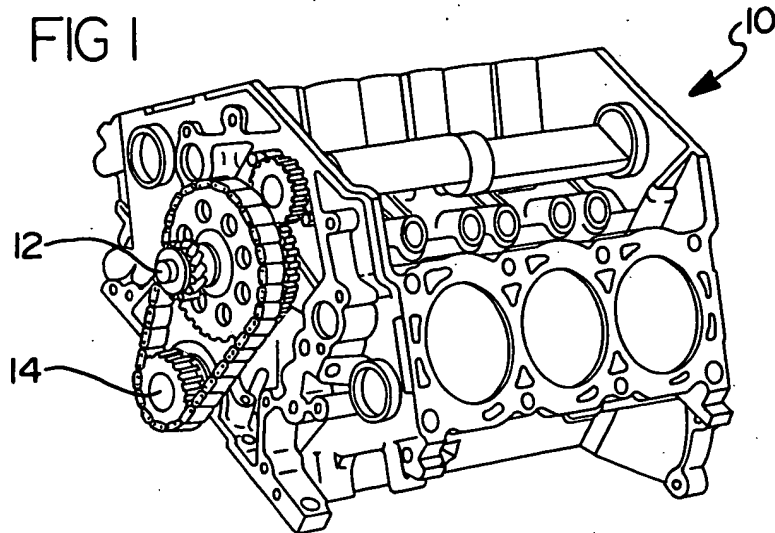
Title: AUTONOMOUS CONTROL OF ENGINE OPERATION VIA A LOOKUP TABLE

Inventor: Bortolin, Serial No. 10/010,614, Filed 12/5/2001

Atty. Ref. 705384US1

REPLACEMENT SHEET

1/4





2/4

FIG 3

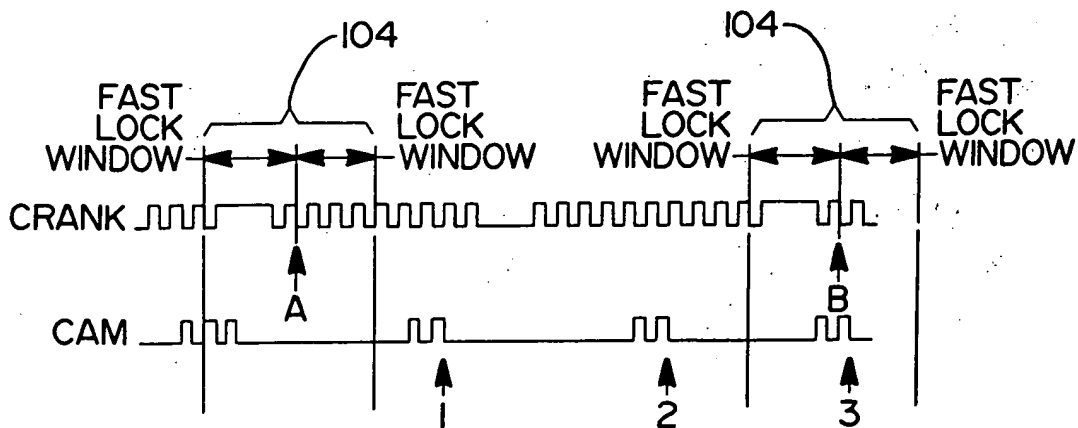
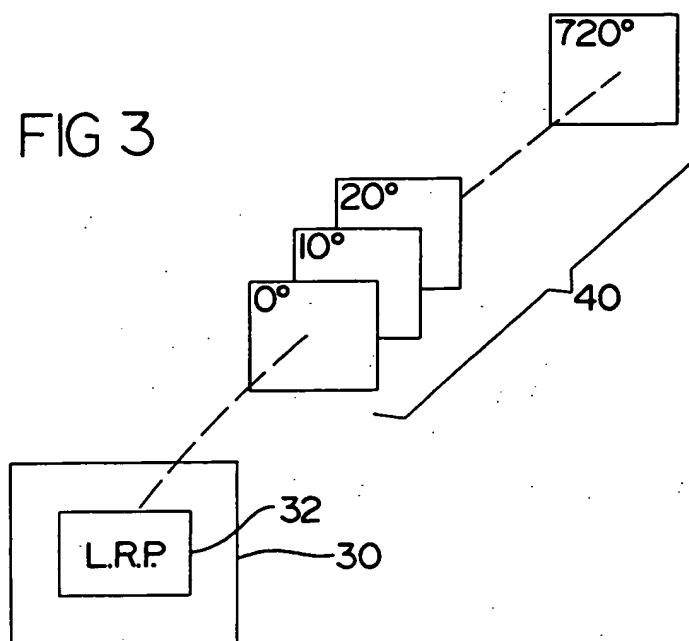


FIG 6



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REPLACEMENT SHEET

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BIT	FUNCTION
50	ACCUMULATE PERIOD DATA
52	TRANSFER WORKING REGISTER
54	ACCUMULATE PERIOD DATA
56	ACCUMULATE PERIOD DATA
58	GENERATE PULSE 0.1 DEGREES
60	GENERATE PULSE 0.1 DEGREES
62	PERIOD CAPTURE
64	INTERRUPT
66	INTERRUPT
68	INTERRUPT
70	INTERRUPT

FIG 4



FIG 5

